

10000 20000 30000 40000 50000 60000 70000 80000 90000 100000

# Tumor as Tester: Amplification

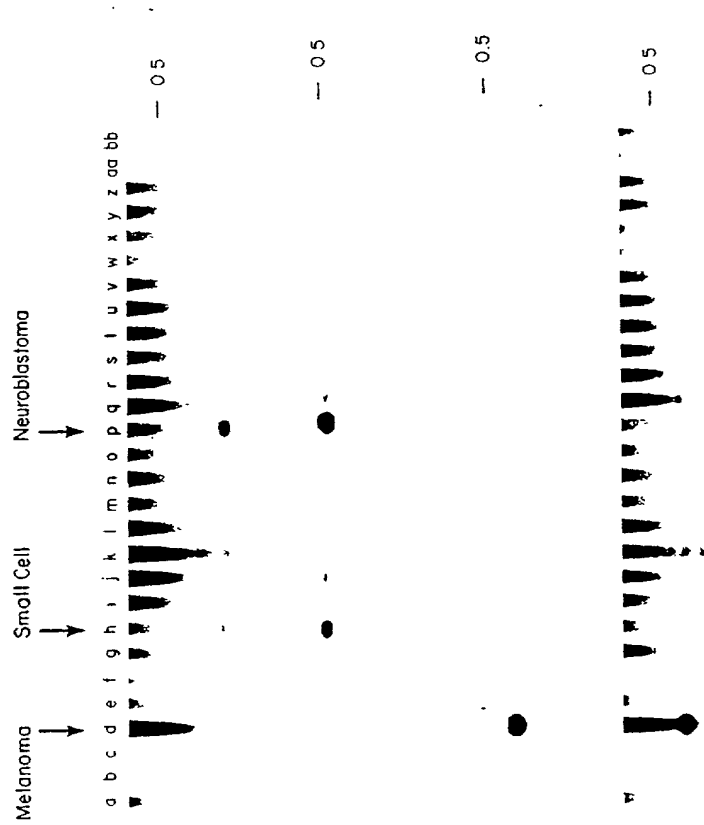


Figure 1

**DETECTION OF AMPLIFIED SEQUENCES:  
TUMOR DNA AS TESTER**

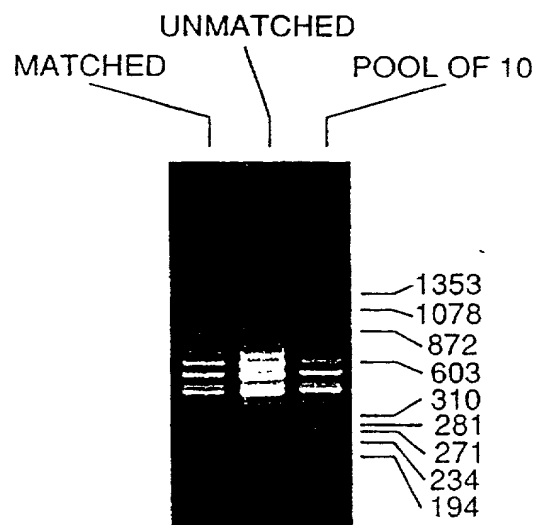


Figure 2  
M. Wigler

# RAT LINE SEQUENCE CLONED FROM HUMAN PROSTATE CANCER DNA SAMPLE

Human P35	438	GATCTTCCCGGTTGCTGCCGCCACGGAGAGGACTTAGGCAGTATCCCACGAGCAAACCTTG	379
Rat L1Rn B6	1042	GATCTTCCTGGTTGCTGCAGCCGCAGAGAGCTCGAGGGCAGCACCCCGAGAGCGAACTTG	1101
Human P35	378	AGCCTTGGAAACCACAGGTAGGACCAACTTTTCCCCTGCAAGAAACCCGCCTGGTGAACCTC	319
Rat L1Rn B6	1102	AGCCTCGGGACCACAGGGAAGACCAACTTTTCTGCTGCAAGTGACCTGTCTGGTGAACCTC	1161
Human P35	318	AAGACACAGGCCCCACAGGAACAGCTGAAGACCTGTAGAGAGGAAAACTACATGCCCGAA	259
Rat L1Rn B6	1162	AAGACAGAGGCCCCACAGGAACAGCTGAAGACCTGTAGAGAGGAAAACTACACGCCCGAA	1221
Human P35	258	AGCAGAACTCTGTCCCCATAACTGGCTGAAAGAAAACAGGAAAACAGGTCTACAGCAC	199
Rat L1Rn B6	1222	AGCAGAACTCTGTGCGCCATAACAGGCTGAAAGAAAACAGGAAAACAGGTCTACAGCAC	1281
Human P35	198	TCCTGACACACAGGCTTATAGGACAGTCTAGCCACGGTCAGAAATAGCAGAACAAAGTAA	139
Rat L1Rn B6	1282	TCCTGACACACAGGCTTATAGGGCAGTCTAGCCACTGTCAGAAATAGCAGAACAAAGTAA	1341
Human P35	138	CACTAGAGATAATCTGATGGCGAGAGGCAAGCGCAGGAACCCAAGCAACAGAGACCAAGA	79
Rat L1Rn B6	1342	CACTAGAGATAATCTGATGGCAAGAGGCAAGCGCAGGAACCCAAGCAACAGAAACCAAGA	1401
Human P35	78	CTACATGGCATCATCGGAGCCCCAATTCTCCACCAAAAATAAACATGGGATATCCAAACAC	19
Rat L1Rn B6	1402	CTACATGGCACCATCGGAGCCCCAATTCTCCACCAAAAATAAACATGGAATATCCAAACAC	1461
Human P35	18	ACCAGAAAAGCAACATC	2
Rat L1Rn B6	1462	ACCAGAAAAGCAAGATC	1478

**RDA of cDNA's:**  
**Tester-mouse brain cDNA containing**  
 **$10^{-5}$  part of 1.2 kb bacterial gene (Target)**

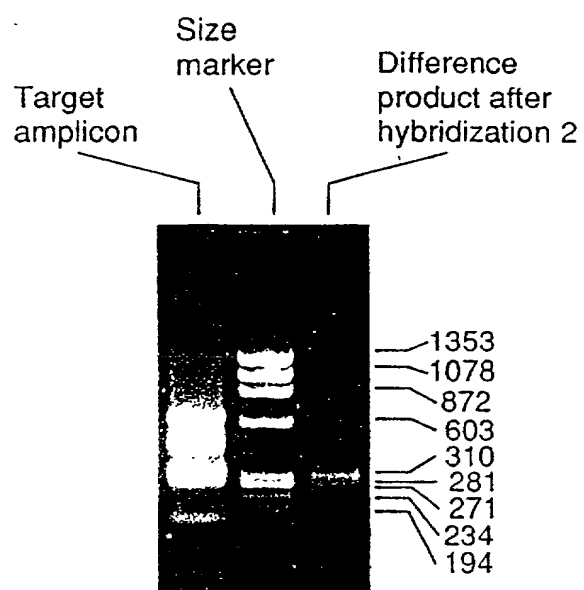


Figure 4  
M. Wigler